

Section 1 – Identification of the Substance and Company

Commercial Product Name: **Grime Scene**
 Product Code: GSHCS1602
 General Use: Composite deck spot and stain removal

Manufacturer’s Name: Edgewater Industries
 18570 Trimble Court
 Spring Lake, MI 49456 USA

Emergency Phone Number:
 ChemTrec (USA) 800-424-9300
 201-316-3000

Date Issued/Revised: 4/30/2010

Section 2 – Composition/Information on Ingredients:

Ingredients	CAS No.	EC No.	Weight %	Symbols	Risk Phrases*
Terpene Hydrocarbons	5989-27-5	227-801-5	<4%	C	10, 36, 38, 43, 52
Proprietary Surfactants	Proprietary	Proprietary	<20%		
Proprietary Chelating Agents	Proprietary	Proprietary	<20%	C	34, 37
Proprietary Particulates	Proprietary	Proprietary	<75%		
Proprietary Emulsifiers	Proprietary	Proprietary	<20%		

* Risk phrase relevant to use in this product

Section 3 - Hazards Identification:

4.1 Skin Contact (S24):

Low acute dermal toxicity. Possible irritation.

4.2 Eye Contact (S25):

Irritating to eyes and mucous membranes. Can be damaging if large amount is splashed into eyes. Wash eyes promptly with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes, and get medical attention.

4.3 Ingestion:

Do not induce vomiting. Low acute oral toxicity. Irritating to mouth, esophagus and stomach. May cause vomiting, headache, and other medical problems. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. Wash mouth out thoroughly, and give plenty of water to drink. Get medical attention immediately.

4.4 Inhalation:

Dried dust could be irritating to respiratory tract. Move the person to fresh air immediately. Immediately perform artificial respiration if breathing has stopped. Get medical attention immediately.

Chronic hazards: No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen.

Physical hazards: None known.

Section 4 – First Aid Measures:

4.1 *Skin Contact (S24):*

Low acute dermal toxicity. Possible irritation.

4.2 *Eye Contact (S25):*

Irritating to eyes and mucous membranes. Can be damaging if large amount is splashed into eyes. Wash eyes promptly with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes, and get medical attention.

4.3 *Ingestion:*

Do not induce vomiting. Low acute oral toxicity. Irritating to mouth, esophagus and stomach. May cause vomiting, headache, and other medical problems. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. Wash mouth out thoroughly, and give plenty of water to drink. Get medical attention immediately.

4.4 *Inhalation:*

Dried dust could be irritating to respiratory tract. Move the person to fresh air immediately. Immediately perform artificial respiration if breathing has stopped. Get medical attention immediately.

4.5 *Safety Phrases:*

(2),3/7/9,15-16,21,24-29,38,51

Section 5 – Fire-Fighting Measures:

5.1 *Extinguishing media:*

Carbon dioxide, foam or dry chemical. . Do not use water. Handle as oil fire. Smother to exclude air

5.2 *Flammable limits:*

This material is considered combustible and will ignite if exposed to flame or intense heat.

5.3 *Unusual Fire and Explosive Hazards:*

See Section 3 and Section 10 for information on hazards present during firefighting.

5.4 *Fire-fighting equipment:*

Standard protective gear augmented by chemical face shield, chemical resistant gloves, protective clothing, and rubber boots.

5.5 *Explosive Limits:*

Explosive limits are LEL \cong 0.7% UEL \cong 6.1%. (Terpene component data)

Section 6 – Accidental Release Measures:

6.1 *Personal protection:*

Caution: Material is slippery on flooring. Eliminate any source of ignition. . Large spills may be allowed to dry or may be mixed with suitable absorbents to facilitate removal. Wear chemical resistant goggles, body-covering protective clothing, chemical *resistant gloves*, and rubber boots if danger of contact with product. Use NIOSH approved respiratory protection device in areas of high vapor concentration.

6.2 Environmental Hazards:

Material is not packaged in amounts to cause any significant hazards. If large spill occurs, dike and avoid allowing material to enter waterways. Move leaking containers to well ventilated area. Eliminate any source of ignition.

6.3 Small spill cleanup:

Caution: Material is slippery on flooring. Small spills may be wiped up immediately or allowed to dry and then be swept up.

6.4 Large spill cleanup:

Caution: Material is slippery on flooring. Keep unnecessary people away. Eliminate sources of ignition, including water heaters and furnace pilot lights. Prevent runoff from reaching drains or waterways. Scoop or shovel up material with non-sparking tools and dispose of in accordance with local, state and federal regulations.

6.5 CERCLA RQ:

There is no CERCLA Reportable Quantity for this material. If a spill goes off site, notification of state and local authorities is recommended.

Section 7- Handling and Storage:**7.1 Handling:**

Do not get in eyes, on skin, or on clothing. Do not breathe dust or vapors. Keep container closed. Promptly clean up spills to avoid slipping. Wash hands thoroughly after handling product. Risk Phrases: 66,54,38,36

7.2 Storage:

Store at temperatures below 70°F (21°C) in a cool, dry area away from sources of ignition or excessive heat. Keep away from reactive materials such as acids or ammonia. Storage containers should not be made from aluminum. Keep container tightly closed and in a well ventilated place (S7/9).

Section 8 –Exposure Controls / Personal Protection:**8.1 Engineering Controls:**

Use only with adequate ventilation. Keep containers closed. Eye wash station or similar equipment should be available during use. Warn potential by passers of slippery nature of the product using sign or fencing. Eliminate all possible sources of ignition.

8.2 Respiratory protection:

Use a NIOSH-approved dust respirator where dust occurs. Keep adequate ventilation and air circulation during usage.

8.3 Skin Protection:

Avoid skin contact. People with allergies or preexisting skin conditions should avoid contact with this product. Wear adequate body and extremity protective clothing during potential excessive contact.

8.4 Eye Protection:

Avoid eye contact. Wear chemical goggles.

Section 9 – Physical and Chemical Properties:

General Information:

Appearance: White, slightly viscous, pourable emulsion.
Odor: Terpene, citrus odor

Important health, safety and environmental information:

pH: 7.5
Boiling Point: <100°C
Flash Point: >100°C (212°F)
Explosive properties: Unknown
Oxidising properties: none
Vapour pressure: > water
Relative density: < water
Solubility in water: miscible
Partition coefficient: Unknown
Vapour density: < air
Evaporation rate: > water
Color: White

Other information:

Mean Corrositex® Time: Unknown, none corrosive

Section 10 – Stability and Reactivity:

10.1 Stability:

Stable

10.2 Conditions to avoid:

Avoid temperatures over 120°F (46°C).

10.3 Materials to avoid:

Strong oxidizing agents and acidic agents. Polymerization catalysts such as aluminum chloride and acidic clays.

10.4 Hazardous decomposition materials:

Smoke may be acrid and fume irritating. Burning generates CO, CO₂ and smoke.

10.5 Hazardous polymerization:

None known.

Section 11 – Toxicological Information:

11.1 Acute Data:

Dermal irritation test performed and results list product as a Non-irritant. Ocular irritation test performed and results list product as a Mild Irritant.

The acute oral toxicity of this product has not been tested. A minor component of this product was tested at LD50 > 5g/kg, rat. Long-term exposure limit (8-hour TWA) for cyclohexene is 300ppm or 1020mg/m³. Cyclohexene (CAS: 110-83-8) is believed to be similar to Terpene Hydrocarbons used in producing this product. No exposure listings were posted for CAS: 5989-27-5 in Table 2 of HSE book EH40/2002 Occupational Exposure Limits for 2002

11.2 *Sub chronic Data:*

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens.

Section 12 – Ecological Information:

Components of this product are generally considered to become chemically inert or biodegradable in the environment. Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

Section 13 – Disposal Considerations:

Classification: Dried waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary. Consult local agencies as needed. . Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

Disposal method: Landfill solids in accordance with federal, state and local regulations.

Section 14 – Transport Information:

United States Domestic:

D.O.T. Proper Shipping Name: Cleaning, Scouring or Washing Compound
U.S. Ground Hazard Classification: Combustible Liquid – Not Regulated
U.S. Air Hazard Classification: Flammable Liquid, N.O.S., (Terpene Hydrocarbons), UN 1993, Class 3, P.G. III
Reportable Quantities: Not Applicable

International:

International Proper Shipping Name: Cleaning & Scouring Compound, Non-Regulated

Hazard Classification: Non-Hazardous
UN Number: Not Applicable

IMDG Packaging Instruction(s): Normal Regulations
IMDG Emergency Schedule: 3-07
IMDG Limited Quantity: Not Applicable
IMDG Special Labeling: None known

Note: IMDG Limited quantities of dangerous goods for personal or household use that are packaged and distributed in a form intended or suitable for sale through retail agencies, are exempt from marking of the proper shipping name and UN Number on the packaging. These inner packages must be less than 5 liters and the outer packaging total mass should not exceed 30 kg.

Section 15 – Regulatory Information:

EEC (EINECS) No:	Mixture / Not Listed
Label for Supply:	Not Required
Safety Phrases:	Terpene Hydrocarbon: S (2-)24-37-60-61 S-2 Keep out of the reach of children. S-7 Keep container tightly closed. S-16 Keep away from sources of ignition – No Smoking.
Approved Code of Practice:	The Control of Substances Hazardous to Health.
WHMIS Ingredient List:	Listed Ingredient: Terpene(d-Limonene)

Section 16 – Other Information:

<i>Prepared by:</i>	Scott Wilbur
Revised:	4/30/2010
Sources of key data:	CHIP3 Approved Code of Practice Carriage of Dangerous Goods by Road (CD-ROM) IMDG Code on CD-ROM Version 5.1 (2001) Proprietary Raw Material Supplier MSDS Approved Supply List (Seventh Edition)

R-phrases used in this SDS:

- R10: Flammable.
- R34: Causes burns.
- R36: Irritating to eyes.
- R37: Irritating to respiratory system.
- R38: Irritating to skin.
- R43: May cause sensitisation by skin contact.
- R52: Harmful to aquatic organisms.

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE ACCURATE AND IS THE BEST INFORMATION AVAILABLE TO EDGEWATER INDUSTRIES. THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONS FOR HANDLING A CHEMICAL BY A PERSON TRAINED IN CHEMICAL HANDLING. EDGEWATER INDUSTRIES MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED WITH RESPECT TO SUCH INFORMATION OR THE PRODUCT TO WHICH IT RELATES, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE, MISUSE OR HANDLING OF THE PRODUCT TO WHICH THIS MATERIAL SAFETY DATA SHEET RELATES. USERS AND HANDLERS OF THIS PRODUCT SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION PROVIDED HEREIN FOR THEIR OWN PURPOSES.
